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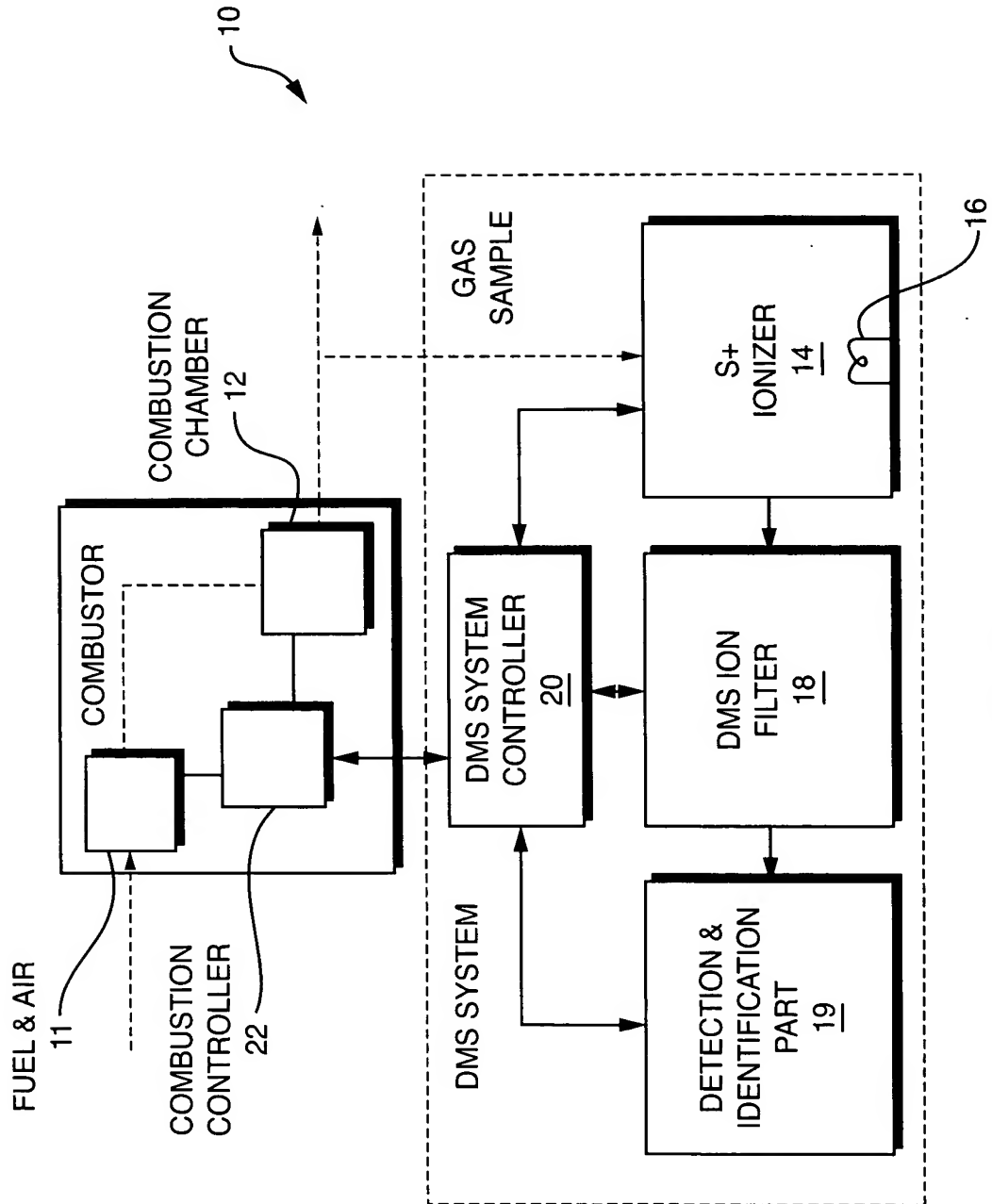


FIG. 1A

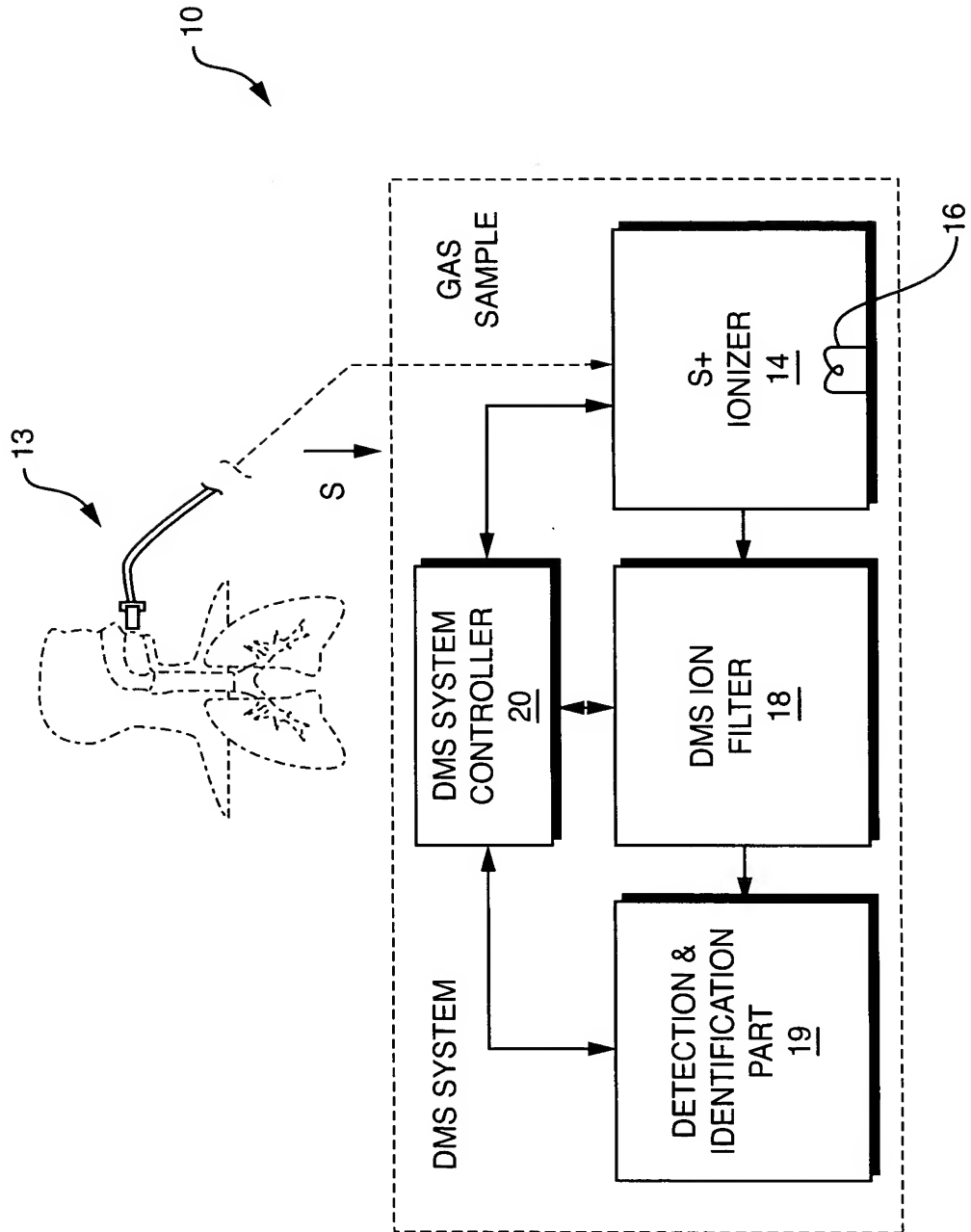


FIG. 1B

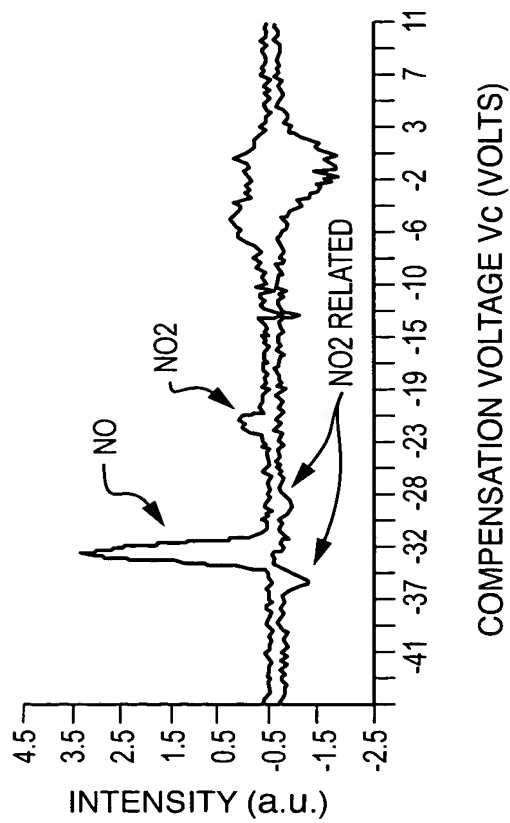


FIG. 2A

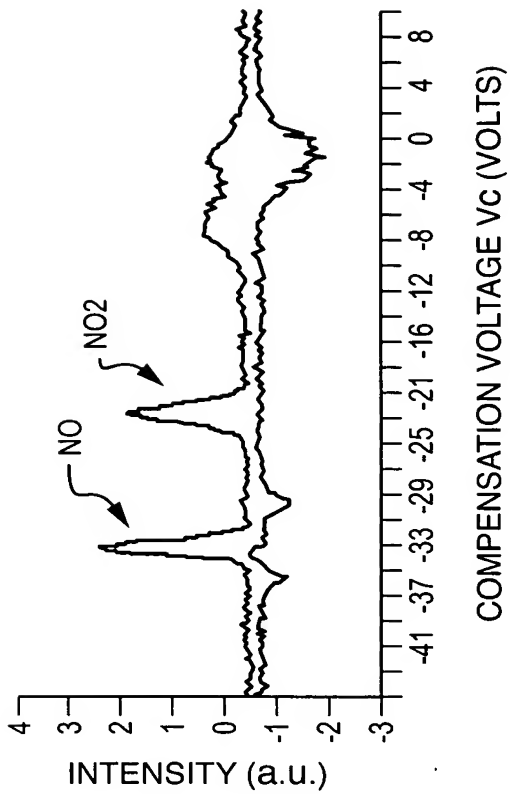


FIG. 2C

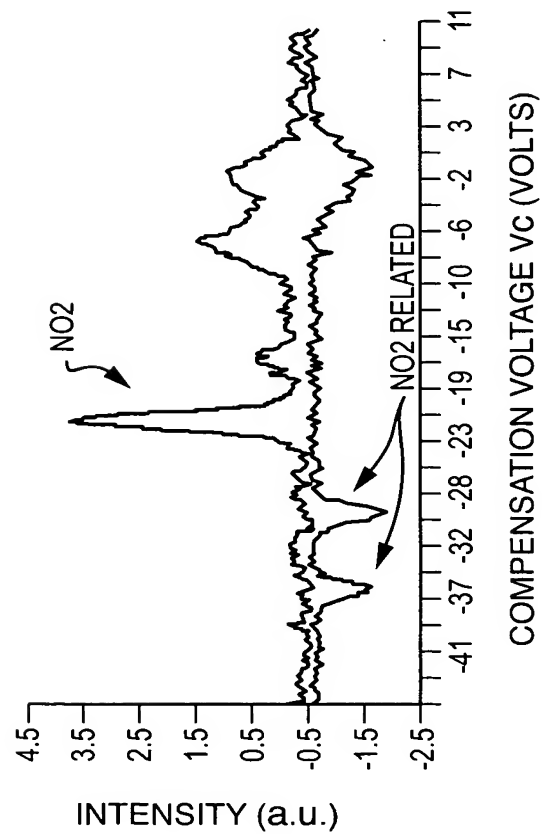


FIG. 2B

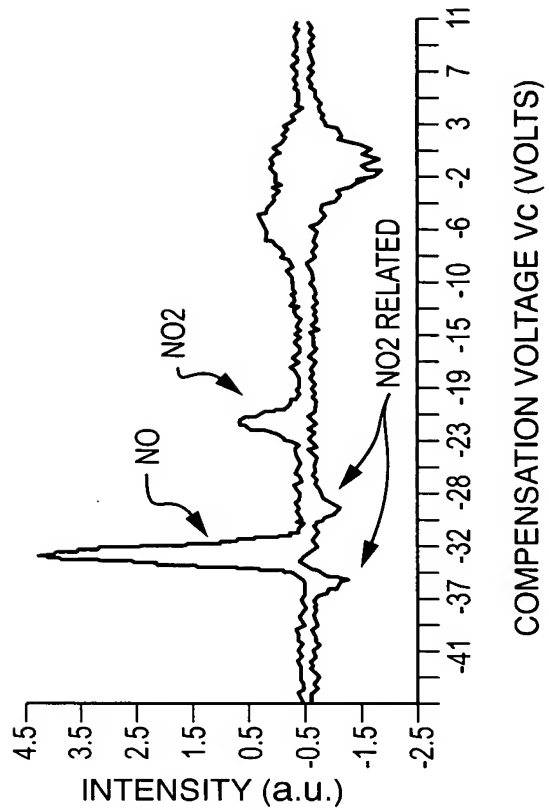


FIG. 2D

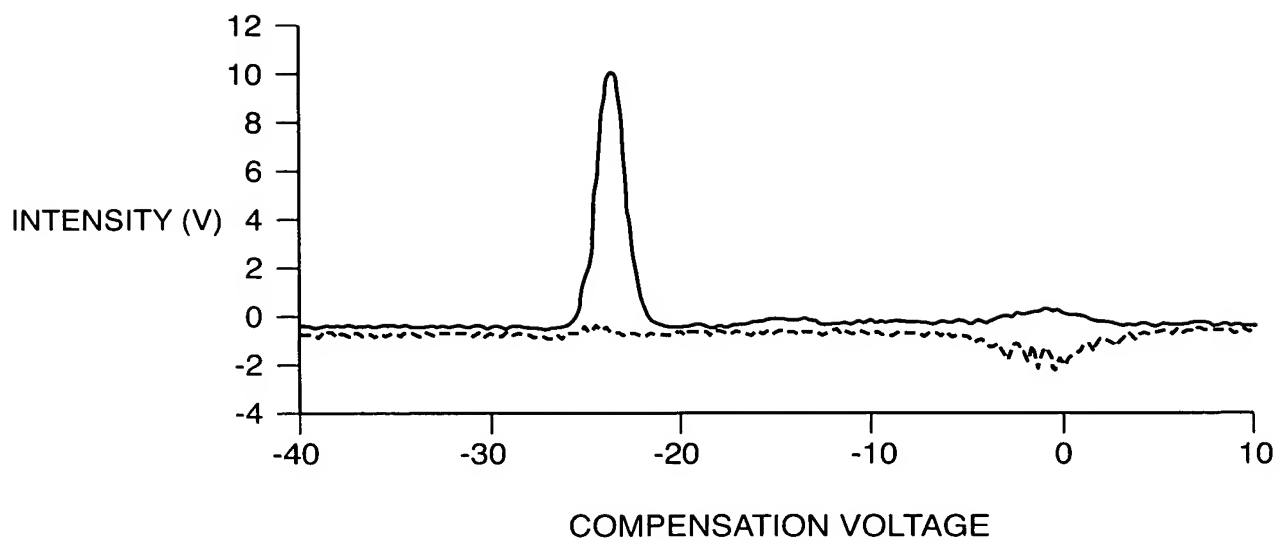


FIG. 3A

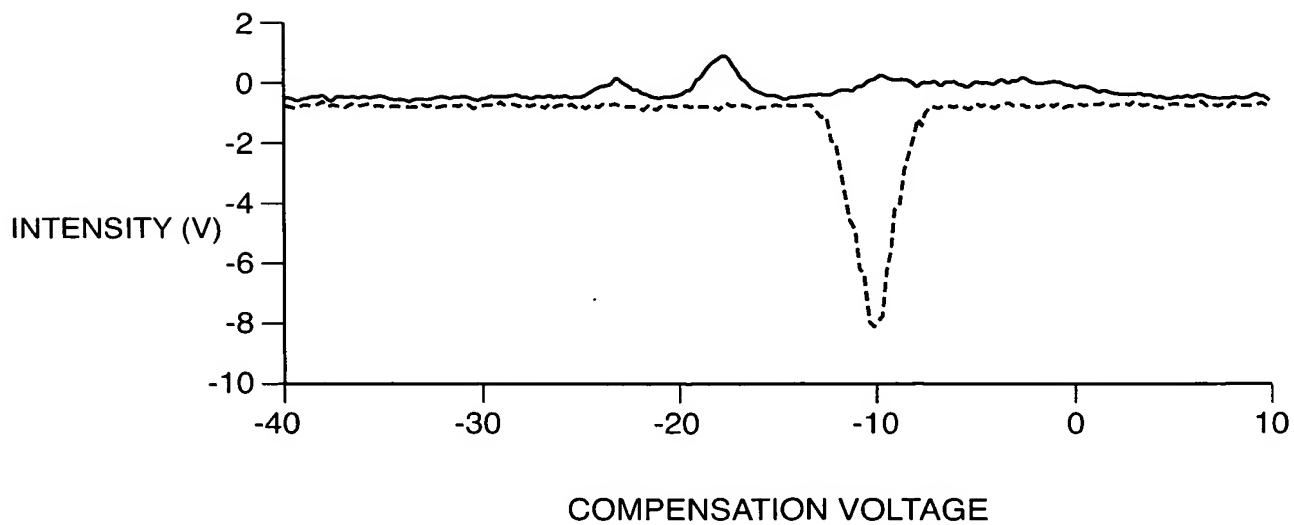


FIG. 3B

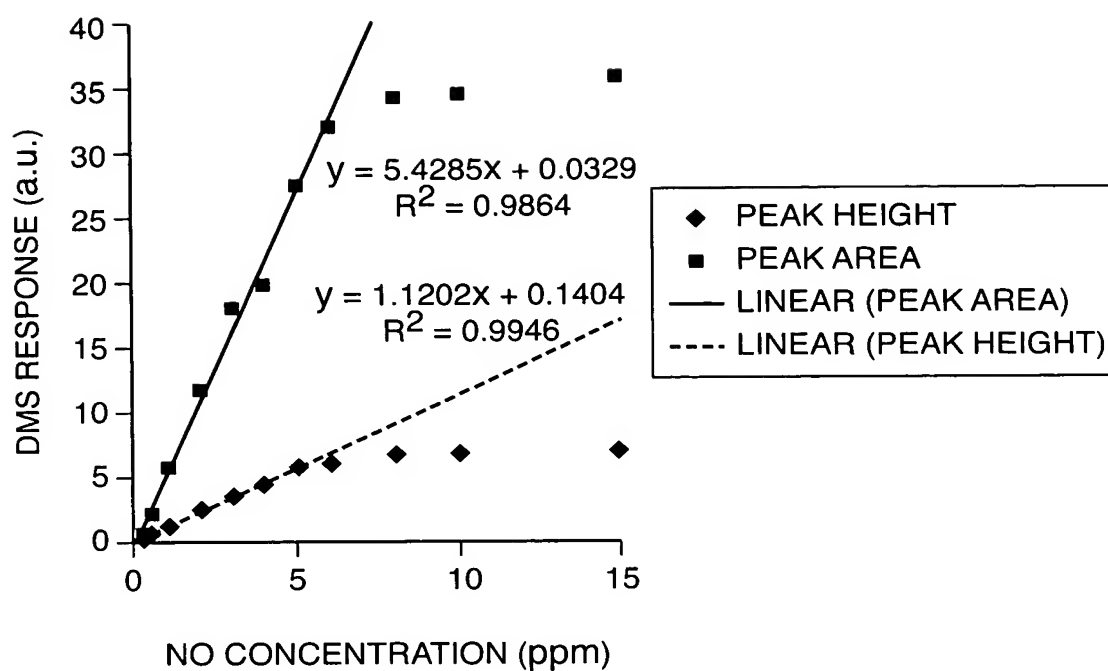


FIG. 4A

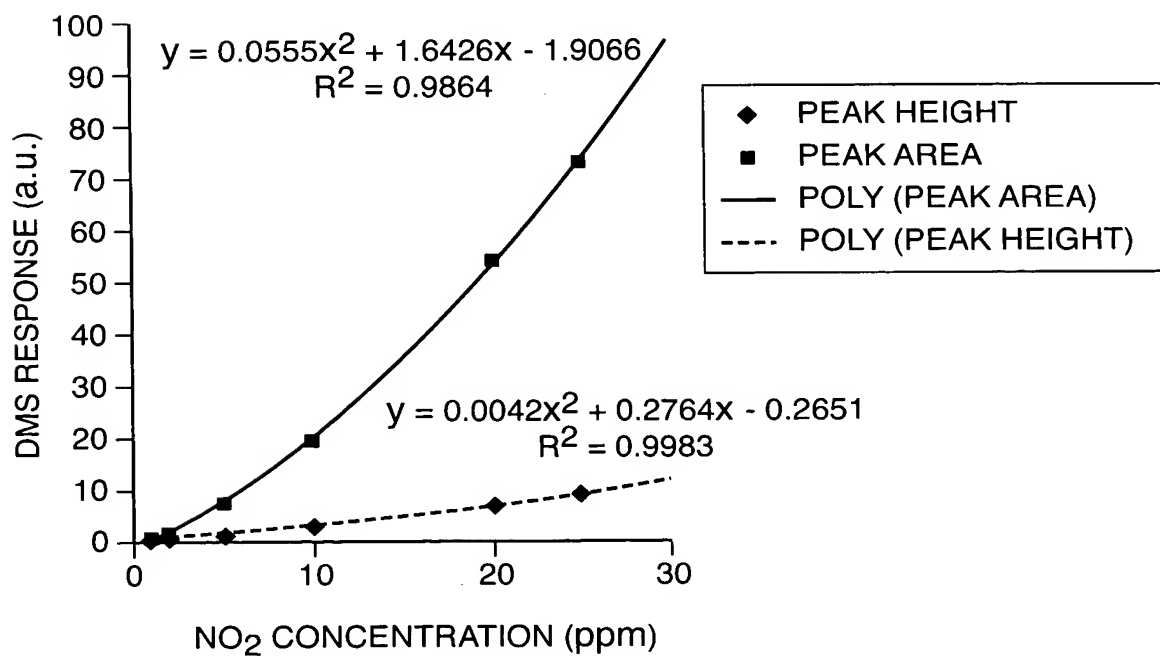


FIG. 4B

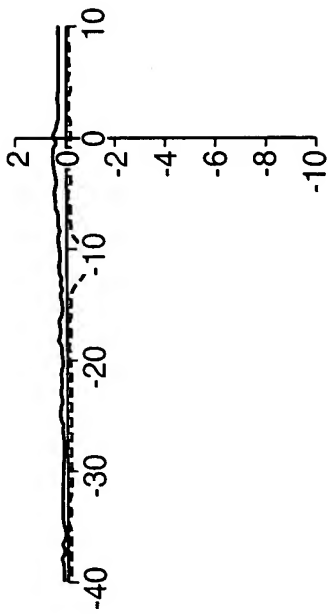


FIG. 5A

FIG. 5B

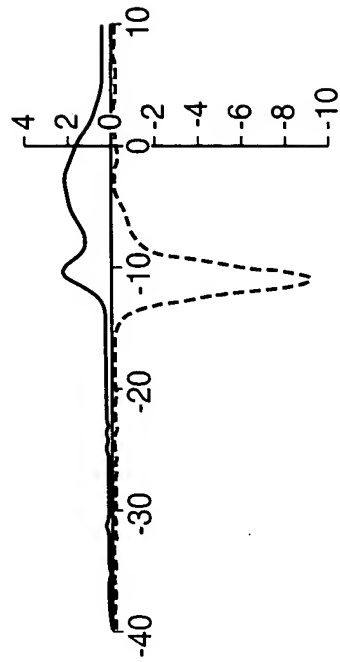


FIG. 5D

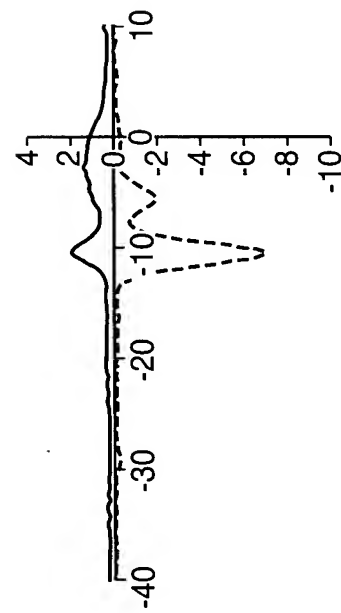
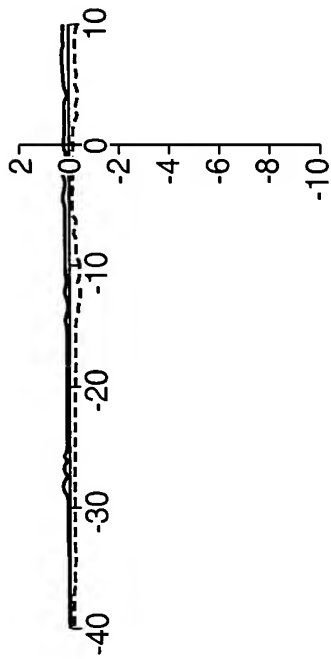


FIG. 5C



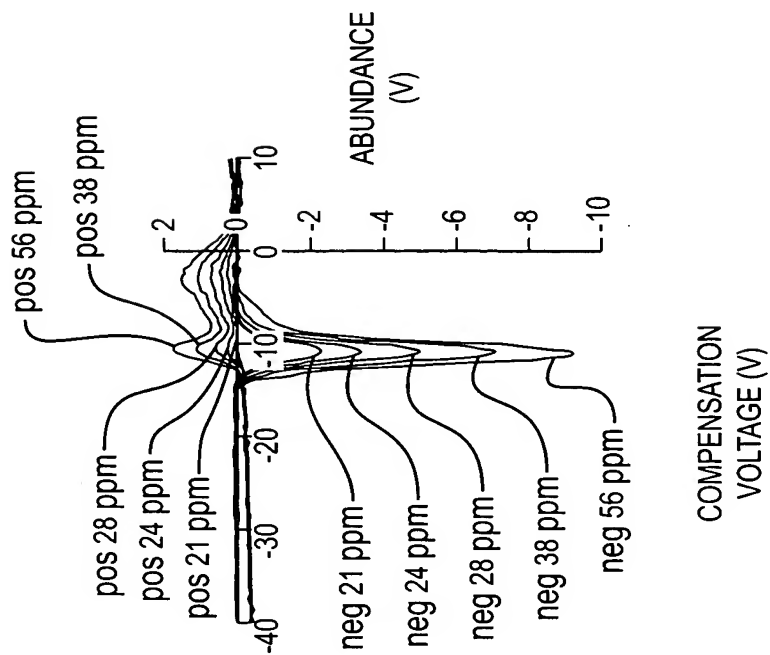


FIG. 6A

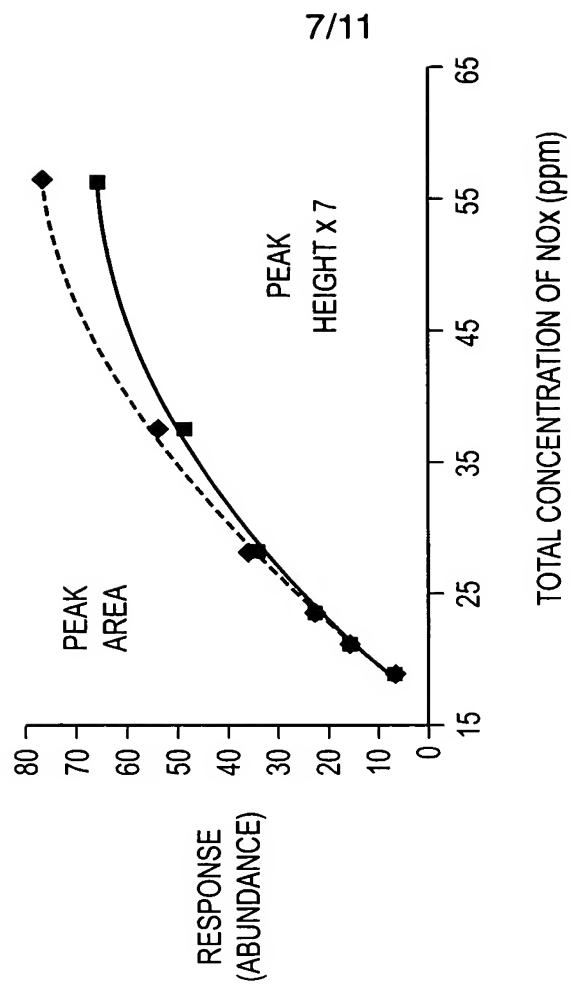


FIG. 6B

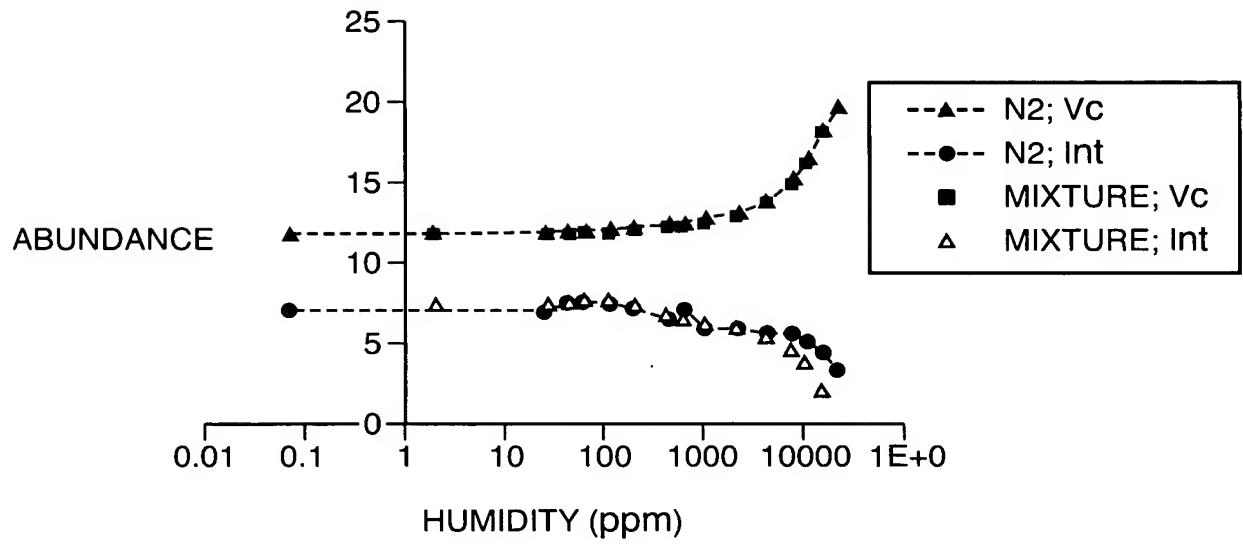


FIG. 7

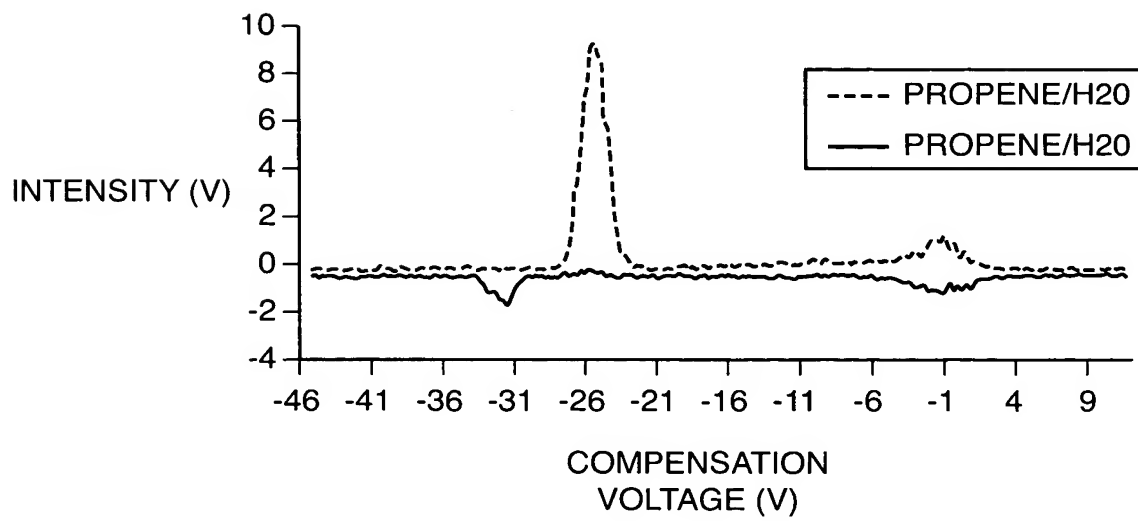


FIG. 8



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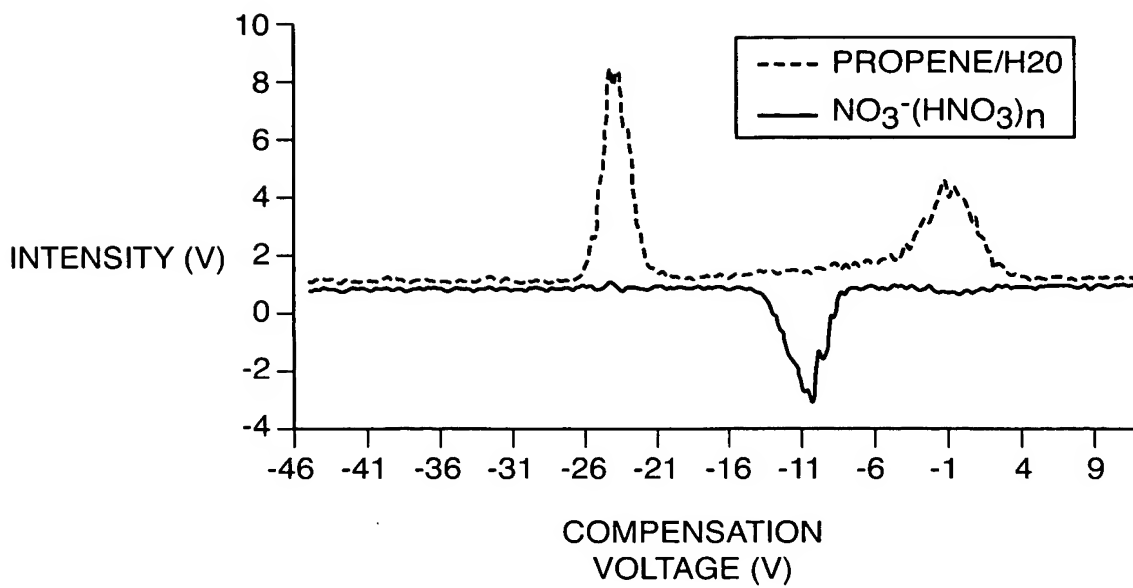


FIG. 9

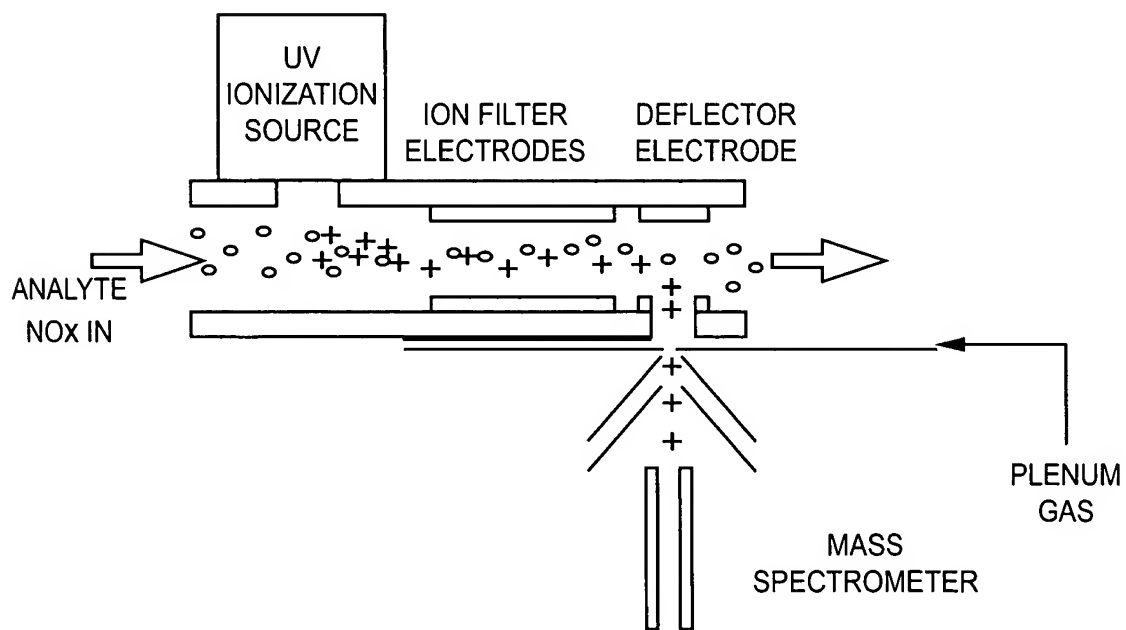


FIG. 10

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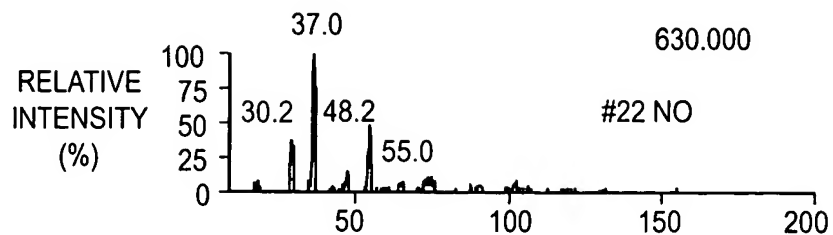


FIG. 11A

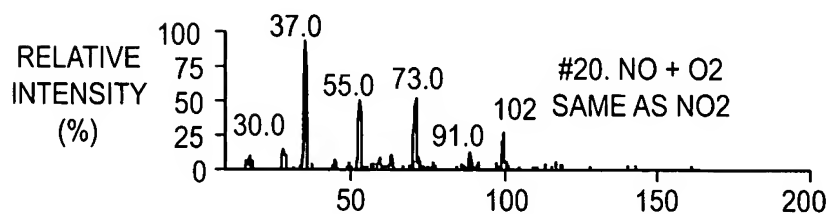


FIG. 11B

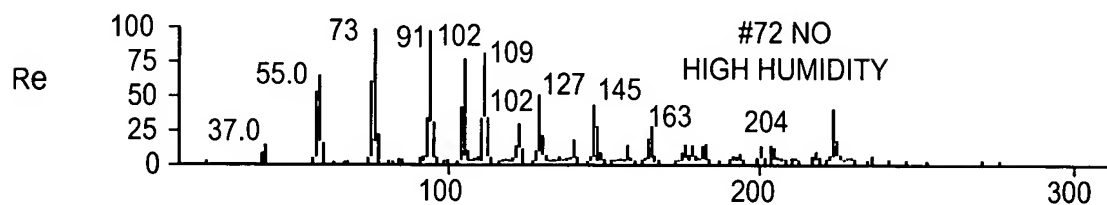


FIG. 11C

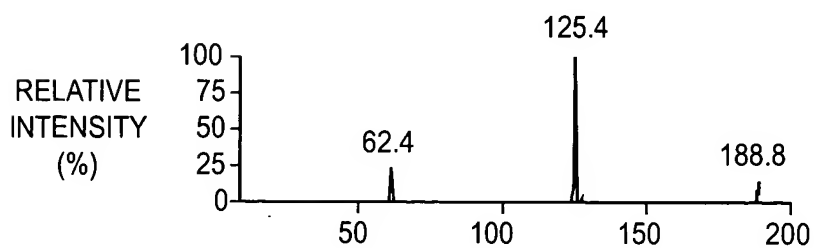


FIG. 12A

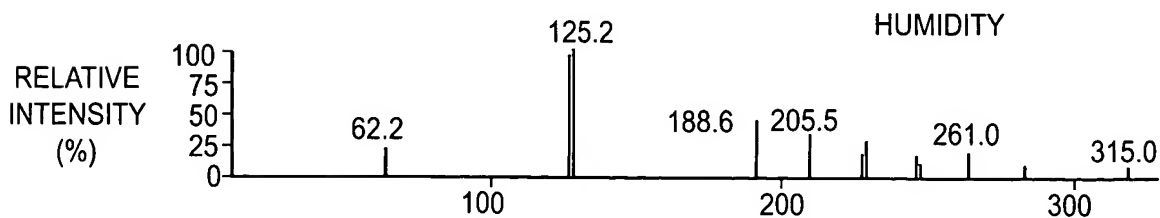


FIG. 12B

	TOTAL AMOUNT	EI eV	EA eV	PA KJ/mol	POSITIVE IONS	NEGATIVE IONS
NITRIC OXIDES:						
NO	200ppm	9.3	0.026	531	YES	NO
NO <sub>2</sub>		9.5	2.3	591	YES	YES
H <sub>2</sub> O	10%	12.6	-	691	NO	NO
OXYGEN	9%	12.06	0.45	421	NO	YES
CO <sub>2</sub>	5%	13.77	-0.6	540	NO	NO
HYDROCARBONS:						
METHANE	490ppm	12.61	-	543	NO	NO
PROPANE AND	625ppm	10.94	-	625	NO	NO
PROPENE		9.73	-	751	YES	NO
CO	300ppm	14.01	1.37	594	NO	YES
HYDROGEN	150ppm	15.4	-	422	NO	NO
ETHANE	10ppm	11.52	-	596	NO	NO
NITROGEN	BALANCE	15.58	-	493	NO	NO

FIG. 13